

Electronic Voting Machine Information Sheet

ES&S Model 100 Optical Scan System

Name/Model: ES&S Model 100 Optical Scan System

Maker: Election Systems & Software

Federally-Qualified Voter-Verified Paper Audit Trail Capability: Uses paper ballots



Brief Description: The ES&S Model 100 is a precinct-based, voter-activated paper ballot counter and vote tabulator. The ES&S 100 uses visible light scanning to count and record voter information from paper ballots. The ES&S possesses the capability to recognize and alert voters to over and undervoting errors, allowing them to make changes to their ballots. When the polls close, the ES&S Model 100 prints out the voter logs so election officials can have a paper tally.¹

Detailed Voting Process: The ES&S Model 100 functions much like a traditional paper ballot system. Upon entering the voting precinct, the voter will receive a paper ballot; the voter then shades in the paper ballot with any standard pen or pencil and inserts the ballot into the ES&S Model 100, where they are given a chance to review their votes. As votes are entered, the ES&S Model 100 stores the vote tallies on its internal memory card. When the polls close, the ES&S Model 100's internal printer prints out the precinct's vote report on paper.²

Past Problems: The ES&S Model 100 has many reported problems, ranging from unidentifiable malfunctions in a Hawaii election, to missing votes in 98% of precincts in a Texas election, to substantial delays in accepting ballots and returning election results in Rhode Island, to flawed ballot data causing serious election irregularities in another

¹ From the manufacturer's website, available at: <http://www.essvote.com/HTML/products/m100.html>

² From the manufacturer's product brochure, available at:
<http://www.essvote.com/HTML/docs/Model100.pdf>



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Texas election. These problems have been encountered across multiple versions of the machine and its operating system and after multiple certification processes.³

NASED Qualified: Yes⁴

³ From the VotersUnite webpage, available at: <http://www.votersunite.org/info/ES&Sinthenews.pdf>

⁴ <http://www.nased.org/NASED%20Qualified%20Voting%20Systems%20031706.pdf>



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